



FOR IMMEDIATE RELEASE

NuVinci® Cycling, a Division of Fallbrook Technologies Introduces New NuVinci Optimized™ Bicycle and eBike Products

-- New N380™ hub enhances and succeeds the N360™ joining the more affordable N330™ introduced in March 2015 as part of a new product portfolio launching at EUROBIKE 2015 --

ZWOLLE, NL / CEDAR PARK, TX – July, 15th 2015 — NuVinci Cycling®, a division of Fallbrook Technologies Inc. (Fallbrook), announced today that it is introducing the N380™ bicycle and eBike continuous variable planetary (CVP) transmission in conjunction with the launch of a new portfolio of *NuVinci Optimized* products. *NuVinci Cycling* will show all product news at EUROBIKE 2015 to be held August 26 to 29, in Friedrichshafen, Germany (Booth A2-313).

The *N380* enhances and succeeds the popular and proven *N360* with no increase in cost. It features an increased ratio range of 380% and is warranted to support higher-powered mid-motor eBikes (up to 350w) as well as cargo bikes (up to 250w and 168 kg). Like the *N360*, the *N380* is upgradeable to an intelligent automatic shifting Harmony 380™ group set as well as Harmony H|Sync™, which integrates the controller functionality in the user interface of the eBike drive train (currently available for Bosch eShift). Additionally, the *N380* will be available as part of a *Nfinity™* group set with the *C8™* and the new *C8s™* high-end manual controller.



The *N330*, which was previously introduced in March 2015, is a more affordable counterpart to the *N360* with a slightly narrower (330%) ratio range and a new lower-cost *C3™* controller that provides the same shifting experience as the *N360* but without a display. Both the *N380* and *N330* offer the unique characteristics of the *NuVinci* technology such as smooth, seamless shifting, shifting under load, a maintenance-free sealed hub, and an enhanced ride experience. The well-known and intuitive controller of the *N360* transmission will be relabeled as *C8* and will be available for use with all *NuVinci Optimized CVPs*.

"Consumers and OEMs, alike, have been asking for additional *NuVinci Optimized* options for luxury, mid-range and lower cost bike and eBike market segments," stated Roland ten Brinke, Sales Director, Europe. "Now, with the *N330* and *N380*, we offer a number of different manual controllers and automatic control interfaces. This provides a portfolio of products that can meet the requirements of many different bike and eBike categories and price ranges."

"Although there is the opportunity for mix and match," added Daniel Bley, *NuVinci Cycling's* Director of Marketing, "we have placed the ideal product combinations into two branded product group sets: *Nfinity™* (manual control) and *Harmony™* (integrated automatic shifting)."

The *Nfinity* group sets (*Nfinity 330* and *Nfinity 380*) include hubs with either the *C8*, *C3*, or the new *C8s*. The *C8* is the same design as the current manual *N360* controller with a display. The *C3* provides the same functionality as the *C8* but without a display. As the top of the line

controller, the C8s features an aluminum housing, a new display, and an enhanced grip.

The *Harmony* group sets (*Harmony 330*, *Harmony 380* and *Harmony H|Sync*) include hubs with either the H3™ with the HHI3™ (*Harmony Hub Interface*), the H8™ with the HHI8™, or the *Harmony H|Sync*™ interface. The *H3* is an updated version of the prior *Harmony Base Controller* with three selectable cadences. The *H8* is an updated version of the prior *Harmony Advanced Controller*.

A document outlining the new *NuVinci Optimized* product and naming architecture is available at <https://fallbrooktech.box.com/2016-Group-Sets>.

About Fallbrook Technologies

Fallbrook Technologies is the developer of the patented NuVinci® continuously variable planetary (CVP) technology, which can improve the performance and efficiency of machines that use a transmission, including vehicles, stationary equipment, bicycles, and others.

The *NuVinci* technology transforms Gears into Spheres™ by using a set of rotating spheres between the input and output components of a transmission. Tilting the spheres changes their contact diameters and varies the speed ratio. *NuVinci* CVPs can be configured to replace multiple planetary gears, providing significant efficiency and performance improvement in a compact package. The *NuVinci* technology offers companies the flexibility to design and produce next-generation products that are better-tailored to their unique business, market, and competitive requirements. Major automotive transmission suppliers have licensed the *NuVinci* technology for the development of automotive class drivetrains, and a market-leading supplier has licensed the technology and is developing *NuVinci Optimized* transmissions for electric and gasoline light vehicle applications.

The first commercial products incorporating the technology were the currently available *N360* bicycle transmission and the *Harmony* auto-shifting system for bicycles, which included the *N360*. Fallbrook has built an extensive portfolio of over 700 patents and patent applications worldwide. For more information, visit www.fallbrooktech.com.

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